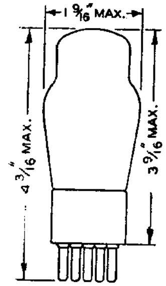
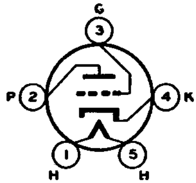


RCA-76

SUPER-TRIODE AMPLIFIER DETECTOR



The 76 is a three-electrode tube of the heater-cathode type recommended for use as detector, amplifier, or oscillator with either a-c or d-c heater supply. This tube is characterized by its high mutual conductance and its comparatively high amplication factor. The 76 is useful in resistance-coupled audio-frequency amplifiers.

CHARACTERISTICS

Heater Voltage (A. C. or D. C.)		6.3	Volts
Heater Current		0.3	Ampere
Plate Voltage	100	250 *max.*	Volts
Grid Voltage*	−5	−13.5	Volts
Plate Current	2.5	5	Milliamperes
Plate Resistance	12000	9500	Ohms
Amplification Factor	13.8	13.8	
Transconductance	1150	1450	Micromhos
Grid-Plate Capacitance		2.8	μμf
Grid-Cathode Capacitance		3.5	μμf
Plate-Cathode Capacitance		2.5	μμf
Bulb			ST-12
Base			Small 5-Pin

* If a grid-coupling resistor is used, its maximum value should not exceed 1.0 megohm.

INSTALLATION AND APPLICATION

The base pins of the 76 fit the standard five-contact socket which may be installed to hold the tube in any position. For heater operation and cathode connection, refer to INSTALLATION for type 6A8. Refer to APPLICATION for the type 56.

